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3	BRS	L3	7991	2 same (face\$1 or facial or head)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:07	

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5	BRS	L5	23	4 same ((pel\$1 or picture or pixel\$1 or frame\$1) near4 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:21	
6	BRS	L6	2	5 same ((locat\$4 or position\$3 or coordinate\$1 or co-ordinate\$1) near5 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:11	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	L7	16	5 and ((mov\$6 or locat\$4 or position\$3 or coordinate\$1 or co-ordinate\$1) near5 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:13	
8	BRS	L8	9	7 and gaussian	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:14	
9	IS&R	L9	474	(382/170).CCLS.	US- PGPUB; USPAT	2007/05/27 08:14	
10	BRS	L11	317673	(video or imag\$3 or sequence or frame\$1) same (match\$3 or compar\$6 or collat\$4 or similar\$5) same (model\$1 or template\$1 or reference\$1 or exemplar\$1 or known or prestored or database or library or archiv\$3)	US- PGPUB; USPAT	2007/05/27 08:16	
11	BRS	L12	9553	11 same (face\$1 or facial)	US- PGPUB; USPAT	2007/05/27 08:16	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
12	BRS	L13	285	12 same mask\$1	US- PGPUB; USPAT	2007/05/27 08:16	
13	BRS	L14	5	9 and 13	US- PGPUB; USPAT	2007/05/27 08:16	
14	BRS	L15	42	13 same ((pel\$1 or picture or pixel\$1 or frame\$1) near4 mask\$3)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:21	
15	BRS	L16	1	15 same (difference\$1 or subtract\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/27 08:22	
16	BRS	L17	69	(face\$1 near3 detect\$4) same (compar\$6 or collat\$4 or match\$4 or similar\$5) same mask\$3 same (imag\$3 or video or photo\$6 or picture\$1 or frame\$1 or sequence)	US- PGPUB; USPAT; EPO; DERWEN T	2007/05/27 08:41	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
17	BRS	L18	7	17 same (difference\$1 or subtract\$4 or averag\$3 or median or mean)	US- PGPUB; USPAT; EPO; DERWEN T	2007/05/27 08:41	

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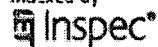
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- #2** ((((face* or facial) <near/5> (imag* or video or pixel* or pel* or photo* or picture))<in>ab) <and> ((collat* or compar* or match* or similar*)<in>ab))<and> (mask*<in>ab)

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» Key

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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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 Kang Liu; A. Weissenfeld; J. Ostermann;
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Knowledge-Based Intelligent Information Engineering Systems, 1999. Third Int
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in video **frames** where preliminary evidence suggests a **face** may be sited. ... where n is the number of **image pixels**, and it is ideal for applications where ...

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ones; (iii) a per-segment **comparison** to ground-truth **image masks** is preferable for ... It is observed that **frames containing** faces of a similar colour are ...

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containing skin color are eliminated. Note that **pixels** corresponding to eyes, eyebrows, ... **frames**, the bounding box is projected on the **face image**, ...
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former classifies **pixels** by **comparing** the current **frame ... frames containing** specific Typical Problems for the data. measurements. ...
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correlation **mask** should represent a characteristic area of the **image**, and, ... area between the eyes of about 20 x 20 square **pixels containing** parts of the ...
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shows a **face image** and all the captured areas on both sides of the generated. eye-pairs. ... 300 **pixel frame** buer before any processing takes place. ...
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occlusion at the first **frame** and no **pixel** is downweighted. ... a corresponding **mask**). Bottom row: (left) a **face image** partially. occluded by one hand, ...
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The basic approach takes 383 s to process a 320 × 240 **pixel image** on a 200 ... Checks are made to see what proportion of past **frames** the **face** tracker has ...
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Face candidates are accepted if $\text{nok} > 6$. Fig. 3. shows different steps of the detection process for an **image containing** 3 faces at different scales. ...
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Digital subtraction peripheral angiography using image stacking ...

ROIs from identical locations were used for **comparing image-processing** results from a

given ... This was achieved by reducing the noise in the **mask frame**. ...

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Mode-specific processing

Each **image** is initially represented with **pixels** corresponding to the red, green, ... in the previous **frame** overlapped a color or range region, then the **face** ...

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